DIGITAL VOICE RECORDER
MODEL:PPR80
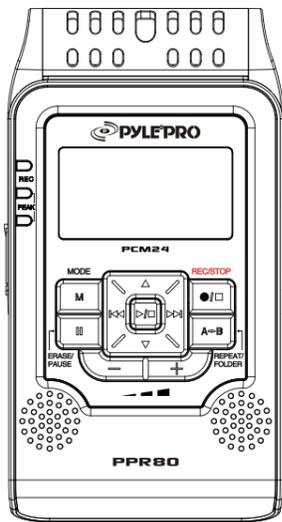
INSTRUCTION MANUAL

www.PyleAudio.com

IMPORTANT SAFETY INSTRUCTIONS

Read this manual before use and keep it handy for future reference.

Precautions

To maintain optimum performance:

Do not use the unit in extreme hot, cold, dusty or high humidity.

Do not use or keep the unit in following places.

• In a high humid area, such as a bathroom or hypogeum.
• In an area exposed to direct sunlight (e.g. inside car where it becomes extreme hot).
• Near sources with strong magnetism, such as a television, speaker or magnet.
• In trembly places, such as on the car dashboard or shaky shelf.

For safety

• Do not attempt to disassemble this unit.
• Avoid pins or other objects from getting inside the Unit.
• Do not throw the unit.

Attention :

• When using headphones, listen at moderate volume.
• Do not wear the earphones while driving or cycling. It may cause a traffic accident.
• Be careful while walking, jogging, etc

•

A. Stereo/Mono mode indicator
B. Sample frequency indicator
C. 24bit/16bit indicator
D. Lock indicator
E. Volume Level indicator
F. Battery Indicator
G. A-B Repeat indicator
H. Repeat mode indicator

I. Message file name
J. Message folder name
◆ Built-in Memory ■ SD Card
K. Message number
L. Record time indicator
M. Schedule record indicator
N. SPLIT / CUT indicator

O. Operation Status
● Record II Pause ▷ Play
P. Record Level

Q. Sound source indicator
MIC / EXT MIC / LINE IN
R. VOX Level

Built-in L microphone	1		LCD display	14
Earphone Jack	2		Next ▷▷	15
LINE IN Jack	3		Record/Stop	16
USB Jack	4		Play/Stop	17
Record indicator	5		Repeat/Folder	18
L Peak indicator	6		Volume +	19
R Peak indicator	7		Built-in R microphone	20
UP △	8		SD socket	21
MODE	9		External MIC Jack	22
PRE ◁◁	10		REC Level Control	23
ERASE / PAUSE	11		DC JACK	24
Volume -	12		HOLD	25
DOWN ▽	13		Stereo/Mono SELECTOR	26
			Battery compartment	27

Battery Installation

It will never affect files stored in the unit to replace batteries . If you shut down the unit with normal operation , it will keep the date and time by previous setting .

1. Push to open the battery cover.
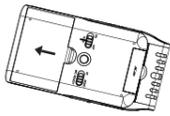
2. Insert 2 "AA" size batteries with correct polarity.
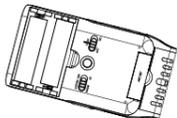
2. Close the battery cover.
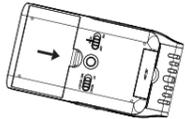
BATTERY INDICATIORS:

* The batteries are fresh.

* The batteries are exhausted, and need to be charged up or replaced.

Note: If necessary , it may provide power supply by connecting the unit (USB jack) to a PC by USB cable ,or connecting the unit (DC jack) to electrical outlet by AC Adapter.

BATTERY PRECAUTIONS
Follow these precautions when using batteries in this device:
1. Only use the battery with specified size and type .
2. Be sure to follow the correct polarity when installing the batteries as indicated on the battery compartment .Reversed polarity may cause damage to the device .
3. Do not mix different types of batteries together (e.g.Alkaline and Carbon-zinc) or old batteries with fresh ones .
4. If the device would not be used for a long period of time ,remove batteries to prevent damage or harm from possible battery leakage .
5. Do not try to recharge batteries without rechargeable function , or they will overheat and rupture .(Follow battery manufacturer's directions .)
6. Never try to remove the batteries while using .

About the Card and Basic Operation

Inserting and removing the Card

1. Open the SD card door,push the card fully until it clicks. Being careful about the direction you insert it.
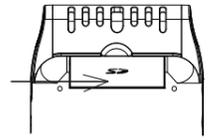
2. Close the Card door .
   * If the card door cannot be completely closed, remove the card ,check its direction and then insert it again.

To turn on/off the unit

1. Press and hold the PLAY/STOP key more than two seconds, and the red indicator will flash, then enter into the default status --- voice mode.
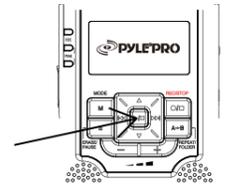
2. Press PLAY/STOP key more than two seconds , then the LCD goes out ,and the unit is turned off.
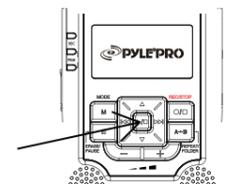

Select / Switch File Folder and Other Settings

There are four memory storage areas(file folders) labeled A,B,C,D in the unit for your choice , it can store 99 files in each file folder , so it can store 396 in all . Absolutely ,it must be subject to its memory capacity .

Select a file folder

1. At voice mode, press the "A-B" key to switch file folder .
   * The Factory setting is "A" .

2. As the right photo , it shows the file folder name on LCD .

3. At voice mode , press ▽ key ,it shows the recording date and time about this file ,as right photo .
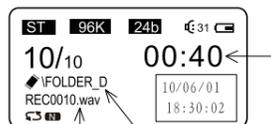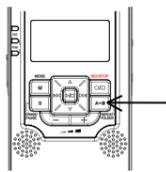
Note : The name at the left of the LCD indicates the current file. The number at right indicates the total time recorded of the selected file folder.
If the unit is full, " FULL" will appear on the LCD . Delete or move files,or change another new SD card , it may record right along .

HOLD and mic selection function

1. Slide the HOLD switch to the " ON " (Lock) position, then all buttons lose function .

2. Slide the HOLD switch to the " OFF " position to recover all buttons function.

3. Slide the Mic Selector switch to the "ST" or "MONO" position according as your demand ,and " ST " or " MONO " appears on LCD as right photos . (" ST " is stereo.)
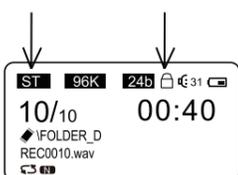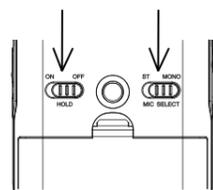
About Recording Files

Before recording , you can set the VOX function according as your demand . If it is turned on , if the detected volume doesn't reach the VOX level value set in advance, recording will pause until it detects eligible volume (VOX switch operation refers to page 9).Otherwise it will continue recording soundless section in this file .

Preparing for recording

1. At voice mode ,you may select a desired file folder by "A-B" key , and you may set VOX function at first . "VOX" appears on LCD while recording .

2. Tumble the Rec Level turn knob to adjust the REC level while recording, it shows the Rec Level wave along with the roll turn knob as the right photo . (The longer wave the higher voice it can record.)
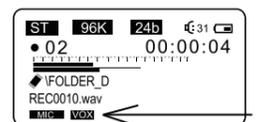
   * The first several minutes sound may not be recorded for activating the recorder .
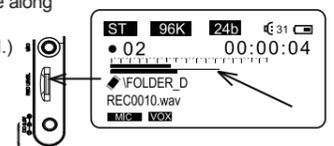
Recording file

1. After finishing preparing operation , just press REC/STOP key once , then the REC record indicator blinks ,and the current status displays on LCD, but at this status, it will not record. Now you may also adjust the Rec level value according as the external volume by Rec Level Control .
   * If the L/R Peak indicator blinks ,it means the external volume is too high ,so you may adjust the Rec level turn knob .

2. Then press REC/STOP or ERASE/PAUSE key to start recording and timing .However ,if you press Mode key ,it will cancel recording to return to voice mode .

3. If you need to pause, press the ERASE/PAUSE key .Then REC indicator blinks ,it stops recording and timing until you press REC/STOP or ERASE/PAUSE key .
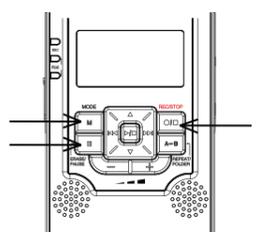
Note :

Please keep at least 50mm away from the sound source for optimal quality.

Playback

Playing back a file

1 Select a desired file ,details display on LCD, such as file name, location and duration, ect . as right photo .

ST 96K 24b 📶31 🔋
10/10   00:40
◆ \FOLDER_D
REC0010.wav
🔁 N
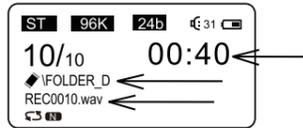
2 Then press PLAY/STOP key to play back it . you may press ERASE/PAUSE key for a pause , press PLAY/STOP key to stop it ,then press ◄◄ or ►► key to goto the previous or next file,Press "+ / -" to adjust volume while playing back a file .
"0" is minimum volume , "31" is maximum volume.
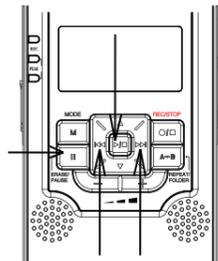
> * Long press ◄◄ or ►► key to run Fast Rewind or Fast Forward while playing back a file.
> * For private listening, connect an earphone to EARPHONE jack.

Playing back recording file repeatedly

1 There are four modes for playing back a file. Long press Repeat/Folder key repeatedly to switch it among Repeat one 🔁 🔂 ,Repeat all 🔁 🔁 ,Play normally 🔁 N , and Intro Play 🔁 🔂 while playing.Then the Repeat indicator will display on the left bottom of LCD,and this setting will always be kept until you switch it to another mode , the other way to set it refers to page 11 . * Factory setting is " 🔁 N " .

ST 96K 24b 📶31 🔋
10/10   00:40
◆ \FOLDER_D
REC0010.wav
🔁 N
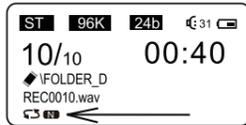
> Note:
> Repeat one 🔁 🔂 : Playing back the current selected file repeatedly ;
> All Repeat 🔁 🔁 : Playing back all files in the current selected file folder repeatedly;
> Play normally 🔁 N : Playing back the selected file just for one time ;
> Intro Play 🔁 🔂 : Playing back the first 10 seconds of each file from the current one to the last orderly within this file folder .

Playing back a section within a file repeatedly

1 While playing back a file, press Repeat/folder key once to set the starting point "A",and 🔁 A- displays on the left bottom of LCD,it still plays back ,then press it again to set the end point "B" at the desired point , 🔁 A-B displays on the left bottom of LCD.

ST 96K 24b 📶31 🔋
► 02   00:00:04
◆ \FOLDER_D   -40
REC0010.wav
🔁 N 🔁 A-B
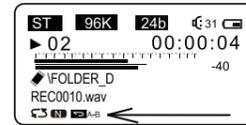
2 At this rate ,it will play back that section repeatedly until you press Repeat/folder key once again to resume normal playing .

Deleting a File and Recorder Settings

Delete a file

1 Select a desired file , and press ERASE/PAUSE key once to do this command,and select " YES " or " NO " for your operation by ◄◄ or ►► key , then press PLAY/STOP key to confirm to delete it.
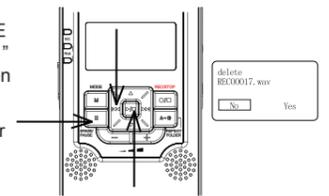
> * For the Deletion of all files within a file folder refer to following section .

delete
REC00017.wav
No   Yes

Recorder setting

1 At voice mode, press Mode key to display the Recorder setting,and select a setting item by △ or ▽ key ,and then press PLAY/STOP or ►► key to enter into branch setting menu .

2 Confirm your setting according as your demand by PLAY/STOP key ,then press Mode or ◄◄ key to return upper setting menu.

Recorder
• Quality
• File Format
• VOX Setting
• MIC ALC

Recorder
• Delay Recorder
• Save To
• Edit Function
• Clean Up

Recorder
• Edit Function
• Clean Up
• Delete Folder File
• Continue Last Playback
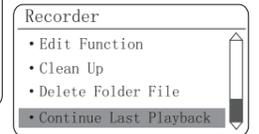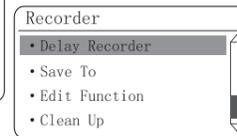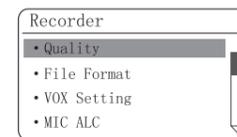
3 Setting instructions .

1. Quality : If you set the file format for WAV ,then 96K for Sample Rate and 24bit for Sample Bit are the best quality recording .
   If you set it for MP3 format , then HP is the best quality (192 kbps is for Stereo ,128kbps is for Mono) .
   * Absolutely , the better record quality you set , the bigger memory space it will occupy .

Quality
• HP : 192/128Kbps
• MP : 128/96Kbps
• SP : 96/64Kbps
• LP : 64/32Kbps

2. File Format :There are two kinds of formats for recording files (MP3、WAV) .
3. VOX Setting : The VOX switch and VOX level value setting are included .
4. MIC ALC :The REC LEVEL control is available just when MIC ALC is OFF .
5. Delay Recorder : It is for recording automatically after the time set here in advance since the REC indicator blinks before starting to recording formally.
   * Factory setting is OFF.
6. Save to : There are two space for your choice to keep your files (built-in memory、 SD card) .
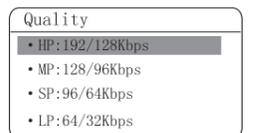

Recorder Setting and Main Menu

7. Edit Function : Set the Split or Cut function ,"split " or "cut" shows on LCD.

   <1> Split :While playing a file, press A-B key to split it, so it is separated into two sections by the Split point ,and the second section is moved to the end of this file folder .

ST 96K 24b 📶31 🔋
10/10   00:40
◆ \FOLDER_D
REC0010.wav
🔁 N   SPLIT

   <2> Cut : While playing a file, press A-B key once , 🔁 A- icon displays on LCD , it still plays , press it once more at desired point, then select "yes" or "no" to decide erase the mid section or not in this file .

ST 96K 24b 📶31 🔋
► 02   00:00:04
◆ \FOLDER_D   -40
REC0010.wav
🔁 N 🔁 A-   CUT
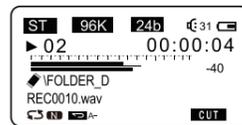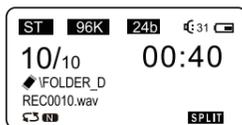
8. Clean Up : It is for refreshing recording file list , and then goto voice mode .
9. Delete Folder File : Delete all files within current file folder .
10. Continue Last Playback : Continue the previous playing , if you have stopt playing a file previously ,otherwise it will just goto voice mode.

Main menu and basic operation

1 Long press Mode key more than 3 secs. to goto main menu , and current time appears on the left top of the LCD , as right photo .

2 Select relevant item by △ or ▽ key, and press PLAY/ STOP key to enter into relevant mode .

00:30:51   🔋
Recorder
Music
Toolbox

Operation setting

1 Select Recorder to return to voice mode .

2 Select Music to goto Music menu, and you may look for a downloading music here for playing after medialib updated .

1. All Music : All recording files and downloading music files show here .
2. Artist : All downloading music files are sorted by artist except recording files , so you may find out desired song by artist .
3. Album : All downloading music files are sorted by album except recording files ,you may find out desired song by album .
4. Genre : All files are sorted by genre except recording files ,you may find out music by genre .
5. Dir List : All musics in the "music folder" show here .
6. Record : All recording files show here .
7. Medialib Update : Refresh music files list .

Music
• All Music
• Artist
• Album
• Genre
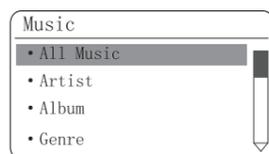
Music Setting and System Setting

8. Play Set :
   Set playing mode ,Repeat One、 All Repeat、 Intro play、 order (Play Normally) ;
   EQ select : There are 7 kinds of effects for your voice file playing . <1> No effect ; <2>Pop Music ; <3> Rock ; <4> Dance ; <5> Jazz ; <6> Classic ; <7> Speech .
   * factory setting is " No effect " .
   3D select : There are 7 kinds of 3D for your voice file playing . <1> Turn off tone ; <2> Generic ; <3> Studio ; <4> Cathedral ; <5> Concert hall ; <6> Submerge ; <7> Interior ; <8> Psychotic .
   * factory setting is " Turn off tone " .

Music
• Dir List
• Record
• Medialib Update
• Play Set
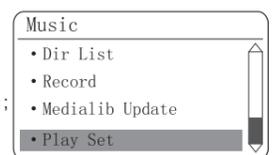
3 Select Toolbox to goto System Setting .

1. Time Setting : Set date and time for this unit ,and the display format is "Year/ Month/Day Hour : minute" , set the value by ▽ and △ keys , then press ◄◄ and ►► keys to select another item .

System Setting
• Time Setting
• Schedule Record
• Timing Shutdown
• Backlight Time
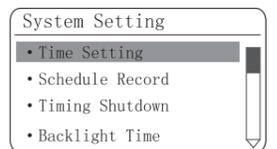
2. Schedule Record: Select the setting option by ◄◄ or ►► key ,and set automatic recording time "once" or "every day" and the period of time by ▽ or △ key , then the "🕐" icon shows on right bottom of the LCD (Voice mode). So , it will start to record voice automatically by your setting .
   If unit is turned off , it will turn on in advance for 60 secs automatically ,then it counts down ,and the time message shows on LCD. When it is on , if it 's at main menu mode, it will count down in advance for 10 secs. ;
   If it 's at voice mode , it will count down in advance for 120 secs. ;
   If it is playing back a recording file , it will record directly on time without counting down ,
   * Factory setting is OFF .

Schedule Record
Every Day
From 09:10
To 10:00

3. Timing Shutdown : Set automatic power shutting down time for this unit , and " OFF " ,10 minutes , 30 minutes and 1 hour for you choice .
   * Factory setting is OFF .
4. Backlight Time : Set automatic shutting backlight time for LCD ,and " Always On " , 5 secs.,10 secs.,15 secs. 20 secs.,30 secs. for your choice .
   * Factory setting is Always On .
5. Languages : There are four languages for your choice. English ,simplified Chinese, traditional Chinese, and Japanese .
   * Factory setting is English .

System Setting and Others

6. Device Information : It shows the trade name ,mode , version ,production date and time about this unit .

7. Recover System : Recover factory settings .

8. Format U Disk : Delete all files in this unit .

```
System Setting
• Languages
• Device Information
• Recover System
• Format U Disk
```
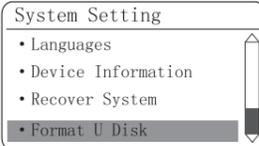
IMPORTANT NOTES:
· Once message(s) is deleted or the unit is formatted, they can not be recovered.
· Format process will take about 20 seconds, during formatting time all keys are invalid.

Download and upload files

[1] Connect the unit to a computer by USB cable .

[2] Copy (recording) files to a removable disk or computer,or copy music files to your recorder according as your demand.
  * This unit supports 7 formats for playing (MP3, WAV, WMA, FLAC, AAC, OGG) .

[3] After finishing your operation, disconnect the unit with your PC by the Safety Remove Hardware procedure.

CARE AND MAINTENANCE

RESETTING THE UNIT
.If the unit is exposed to a strong static electrical charge, the unit may lock up, or the LCD may darkle. This is rare, if it does happen, just remove the batteries, then reinstall it , at this rate, all settings will return to their original values, but all previous messages are saved.

TRAFFIC SAFETY
.Do not use it while operating a motorized vehicle. It may cause a traffic accident and it is illegal in some areas.
.Even if your earphone is designed for open-air type to ensure you hear outside sound, do not turn the volume up so high that you can not hear other voices around you.
.Use it with extreme caution or temporarily pause in latent accident situations.

CARE
.Keep the unit dry. If it gets wet, wipe it immediately. Liquid may contain minerals that can corrode the circuits.
.Use and keep the unit only in normal temperature environments. Extreme temperature may shorten the life of electronic devices,damage batteries and/or melt plastic parts.
.Keep the unit away from dirt and dust.
.Handle the unit gently and carefully. Dropping it may cause damage and cause the unit to work improperly.
.Clean, wipe the unit with a damp cloth occasionally to keep it new face.
.Do not use harsh chemical detergent to clean.
.Damage to your unit will void the warranty.

Specifications

SPECIFICATIONS

Message Number		Max.99 (single file)			
		Max.396 (4 files total)			
MP3	Stereo Recording Time (2 GB memory)	H P	MP	SP	LP
		18.9hours	28.3hours	37.8hours	56.6hours
	Mon Recording Time (2 GB memory)	H P	MP	SP	LP
		28.3hours	37.8hours	56.6hours	113.3hours
WAV	Stereo Recording Time (2 GB memory)	96kHZ 24bit	96kHZ 16bit	48kHZ 24bit	48kHZ 16bit
		0.8 hours	1.2 hours	1.6 hours	2.4 hours
	Mon Recording Time (2 GB memory)	96kHZ 24bit	96kHZ 16bit	48kHZ 24bit	48kHZ 16bit
		1.6 hours	2.4 hours	3.2 hours	4.8 hours
Recording format	PCM(WAV)	Quantization 16/24bit Sampling Frequency 16/22.05/24/32/44.1/48/96kHz			
	MP3	Bit rate 32,64,96,128,192kbps			
	Channel	Stereo / Mono			
Memory (SD or FLASH)		Micro SD: 32MB~ 32GB ; FLASH: 2 GB			
USB		USB V2.0 Socket			
Jacks	MICROPHONE	Ext.Mic (D3.5mm ,Stereo)			
	EARPHONE	Earphone (D3.5mm, Stereo)			
	USB JACK	MINI 5Pin			
	DC JACK	D2.5mm			
Loud Speaker		16 ohms dyna mic speaker x 2			
Output Power		Speaker	100 mW		
		Earphone	10 mW		
R/P Frequency Response		20 Hz to 20k Hz			
Power Source		2 x AA (LR6) Alkaline Battery , AC adaptor : 5 V			
Battery Life Time		About 9 hours for recording			
		About 1 0 hours for playback			
Other Function	Record Date	Memorize recording date of message			
	Remain time	Display remaining time for recording			
Size (mm)		112 X 21 X 60 MM			

* Specifications are subject to change without notice.